Substitute for form 1449/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(Use as many sheets as necessary)*

Sheet 1 of 2

| *Complete if Known* | |
|---|---|
| **Application Number** | 10/534,692 |
| **Filing Date** | November 9, 2005 |
| **First Named Inventor** | Avigdor SCHERZ |
| **Group Art Unit** | 1624 |
| **Examiner Name** | Paul V. WARD |
| **Confirmation No.** | 8697 |
| **Attorney Docket No.** | STEBA-006 |

## U.S. PUBLISHED DOCUMENTS

| Examiner Initials* | Cite No.[1] | U.S. Publication Document: Number | U.S. Publication Document: Kind Code *(if known)* | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY |
|---|---|---|---|---|---|
| | **A1** | 5,004,811 | | Bommer *et al.* | 04-02-1991 |
| | **A2** | 4,512,762 | | Spears | 04-23-1985 |

## FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No.[1] | Foreign Patent Document: Office | Number | Kind Code *(if known)* | Date of Publication of Cited Document MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Translation[2]: Yes | No |
|---|---|---|---|---|---|---|---|---|
| | **B1** | DE | 4121876 | A1 | 01-14-1993 | Scheer | X | |
| | **B2** | WO | 88/07988 | A1 | 10-20-1988 | Dolphin *et al.* | | |
| | **B3** | WO | 90/12573 | A1 | 11-01-1990 | Health Research Inc. | | |
| | **B4** | JP | 9-110872 | A | 04-28-1997 | Eiken Chemical | | X |
| | **B5** | JP | 2001-342190 | A | 12-11-2001 | Japan Science & Tech Corp. | | X |
| | **B6** | WO | 02/098882 | A1 | 12-12-2002 | Ceramoptec Industries, Inc. | | |

## OTHER DOCUMENTS - NON PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No.[1] | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | Translation[2]: Yes | No |
|---|---|---|---|---|
| | **C1** | Ashur *et al.*, "Photocatalytic Generation of Oxygen Radicals by the Water-Soluble Bacteriochlorophyll Derivative WST-11, Noncovalently Bound to Serum Albumin," *J. Phys. Chem. A* 113:8027-8037 (2009) | | |
| | **C2** | Brandis *et al.*, "Novel Water-soluble Bacteriochlorophyll Derivatives for Vascular-targeted Photodynamic Therapy: Synthesis, solubility, Phototoxicity and the Effect of Serum Proteins," *Photochemistry & Photobiology* 81:983-993 (2005) | | |

| Examiner Signature | | Date Considered | |
|---|---|---|---|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[1] Unique citation designation number. [2] Applicant is to place a check mark here if English language Translation or translation of abstract is attached.

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| Sheet | 2 | of | 2 | **Attorney Docket No.** | STEBA-006 |

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|---|---|---|---|---|
| | C3 | Mazor *et al.*, "WST-11, A Novel Water-soluble Bacteriochlorophyll Derivative; Cellular Uptake, Pharmacokinetics, Biodistribution and Vascular-targeted Photodynamic Activity Using melanoma Tumors as a Model," *Photochemistry & Photobiology* 81:342-351 (2005) | | |
| | C4 | Chen *et al.*, "Preclinical studies in normal canine prostate of a novel palladium-bacteriopheophorbide (WST09) photosensitizer for photodynamic therapy of prostate cancers," *Photochem Photobiol.* 76(4):438-45 (2002) | | |
| | C5 | Koudinova *et al.*, "Photodynamic therapy with Pd-Bacteriopheophorbide (TOOKAD): successful in vivo treatment of human prostatic small cell carcinoma xenografts," *Int J Cancer* 104(6):782-9 (2003) | | |
| | C6 | Rosenbach-Belkin *et al.*, "Serine conjugates of chlorophyll and bacteriochlorophyll: Photocytotoxicity in vitro and tissue distribution in mice bearing melanoma tumors," *Photochem. Photobiol.* 64:174-181 (1996) | | |
| | C7 | Schreiber *et al.*, "Local photodynamic therapy (PDT) of rat C6 glioma xenografts with Pd-bacteriopheophorbide leads to decreased metastases and increase of animal cure compared with surgery," *Int J Cancer.* 99(2):279-85 (2002) | | |
| | C8 | Zilberstein *et al.*, "Antivascular treatment of solid melanoma tumors with bacteriochlorophyll-serine-based photodynamic therapy," *Photochem. Photobiol.* 73:257-266 (2001) | | |
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| | C10 | Dagan *et al.*, "Uptake by cells and photosensitizing effectiveness of novel pheophorbide derivatives *in vitro*," *International J. Cancer*, 63(6):831-839 (1995) | | |
| | C11 | Ellsworth *et al.*, "Methyl 10-epipheophorbide a: an unusual epimeric stability relative to chlorophyll a or a' ", *J. Organic Chem.* 43(2):281-283 (1978) | | |
| | C12 | Ma *et al.*, "Nucleophilic reaction of 1,8-diazabicyclo[5.4.0]undec-7-ene and 1,5-diazabicyclo[4.3.0]non-5-ene with methyl pheophorbide a. Unexpected products," *Tetrahedron* 52(3):849-860 (1996) | | |

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